

**METHOD AND APPARATUS FOR STORING AND DISPLAYING
DIGITAL OBJECTS ASSOCIATED WITH AN
ELECTRONIC TELEVISION PROGRAM GUIDE USING FUZZY LOGIC**

ABSTRACT OF THE DISCLOSURE

5 The apparatus and method of the present invention provides
a direct-to-home integrated receiver/decoder (IRD) and a program for
storing and displaying digital objects associated with an electronic
television program guide using fuzzy logic. The method and apparatus
maintains and adapts a user profile in order to efficiently select digital
10 objects associated with an electronic program guide. The fuzzy logic
based user profile may be used to select digital program guide objects for
deletion from memory and/or to efficiently select digital program guide
objects for display in an electronic program guide. Selection is based on
fuzzy variables associated with the objects. In this manner, memory
15 requirements and the number of programs displayed are reduced to
decrease cost and reduce the amount of time a user must spend viewing
the program guide.

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